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J. Shukla is a Distinguished University Professor and Acting Chairman of the Department of Atmospheric, Oceanic and Earth Sciences at George Mason University (GMU). He is President of the Institute of Global Environment and Society (IGES). Dr. Shukla has made contributions to the science of meteorology and to the global society through fundamental scientific advances, institution building, and international cooperation in meteorology for the betterment of humankind worldwide. He has made significant contributions to the understanding of the predictability of weather and climate including the Asian monsoon dynamics, deforestation and desertification. His research has established that there is predictability in the midst of chaos and that there is a scientific basis for short-term climate prediction. In 2008, he was appointed by the Governor of Virginia as a member of the Commission on Climate Change. He was one of the Lead Authors of the 2007 report of the Intergovernmental Panel on Climate Change (IPCC). In 2007, he received the International Meteorological Organization (IMO) Prize. In 2005, he received the Rossby Medal; in 2001, he received the Walker Gold Medal; in 1982 he received the Exceptional Scientific Achievement Medal of NASA. He is a Fellow of the American Geophysical Union, the American Meteorology Society, India Meteorology Society and an Associate Fellow of TWAS (the academy of sciences for the developing world). He is the Author/co-author of 200 scientific papers and the Editor/contributor of four books. He has been the Ph. D. thesis adviser for about 20 students at M.I.T., Univ. of Maryland, and GMU. He was instrumental in establishing research centers in India and Italy. He started the Climate Dynamics Ph.D. program at GMU. He has served as the Chair/member of about 50 national/international panels and committees. He founded Gandhi College for education of rural women in the village of his birth in India.

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